NEWZEN CONSULTANTS BANGALORE

NEW TECHNOLOGIES TO INNOVATE

NO.NC/QC/BTP/2020-21/SB/W5-1

Date: 12-0

To,
The Executive Engineer,
BBMP Byataranayanapura Division
Bangalore.

"PMC CERTIFICATE AND INSPECTION REPORT"

Dear Sir,

Subject: Regarding Inspection Report for the below mentioned work.

Name of Work: Improvements to roads and drains at Kattigenahalli Main and Cross, Sirinagara Nirantara Layout, Sri krishna Garden, Shivashankara Layout, Varaha Layout, Bindhu Layout, and Surrounding areas in Ward No- 05

Item No	Description of work	Unit	Qty	Remarks
1	Removing and Refixing stone slabs of drains and pointing in C.M (1:3) with all lead and lift and as per the direction of Engineer in-charge.	Sqm	0.00	Work done upto the Billed Quantity and the Quality is Satisfactory
2	KSRRB300 - Excavation for road, drains and similar works ,KSRRB300-1 : Earthwork excavation by manual means in ordinary soil involving as average horizontal throw upto 2 mters and an average lifts upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled	Cum	281.48	Work done upto the Billed Quantity and the Quality is Satisfactory
3	providng granite slabs of selecting quality roughly dressed having a size of 7.5 cms thick and fixed in cement mortar (1:6) including fixing curing etc., complete with all lead and lifts and as per the direction of Engineer in-	Sqm	0.00	Work done upto the Billed Quantity and the Quality is Satisfactory
4	KSRB M2100-10 : Providing and laying plain cement concrete of Mix 1:3:6 with OPC @ 220kgs,with crushed 40mm and down size graded granite mental coarse aggregate @ 0.89 cum and fine aggregate @ 0.46 cum, in foundation mechanically mixed , placed in foundation and compacted by	Cum	6.51	Work done upto the Billed Quantity and the Quality is Satisfactory
5	KSRB 5.2-3: Providing and constructing granite / trap / baslt size stone masonary in foundation with cement mortar, stone hammered dressed in course not less then 20 cms high, bond stones at 2m, apart in each course including cost materials, labour, curing complete as per specifications.	Cum	16.38	Work done upto the Billed Quantity and the Quality is Satisfactory
6	KSRB 4-1.6: Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC at 240kgs, with 20mm and down size granite metal coarse aggregates at 0.878 cum and fine aggregates at 0.53cum machine mixed,	Cum	4.88	Work done upto the Billed Quantity and the Quality is Satisfactory
7	KSRB 5-14: providing and contructing load bearing wall with solid concrete blocks of size 400*150*200mm having block density not lessthen 1800kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185(part):2005 and constructed with 1:4 as per IS	Sqm	0.00	Work done upto the Billed Quantity and the Quality is Satisfactory
8	Providing and Fixing RCC pre cast covering Slab of 100mm thick for drains in cement concrete M25 using graded granite jelly 20mm and down size with steel reinforecement , inclunding form work, lift charges, curing and concrete finishined surfaces on both sides etc., complete as per drawing and the	Sqm	944.73	Work done upto the Billed Quantity and the Quality is Satisfactory
9	Providing and Fixing pre cast covering Slab 250mm thick made out of M25 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of all materials, labour,hire charges of machinery,	Sqm	36.15	Work done upto the Billed Quantity and the Quality is Satisfactory
10	KSRRB M300-14. Excavation for roadwork in soil with hydralic excavation of 0.9cum bucket capacity including cutting and loading tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross section , and transportating to the embankment location to a lead of 1	Cum	3920.74	Work done upto the Billed Quantity and the Quality is Satisfactory

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Item No	Description of work	Unit	Qty	Remarks
11	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/trap/basalt material, mixing in a mechanical mix plant at OMC , Carriage of mixed materials to work site, spreading in uniform layers with motor grader on	Cum	1320.83	Work done upto the Billed Quantity and the Quality is Satisfactory
12	KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant	Cum	2342.30	Work done upto the Billed Quantity and the Quality is Satisfactory
13	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm	Sqm	26188.38	Work done upto the Billed Quantity and the Quality is Satisfactory
14	KSRRB 500-2 : Cleaning the existing black topped surfce with brooms, soft brushes and finally dusting with old gunny bags and /or compressed air to receive bituminous treatment including cost of all materials, labour, HOM curing, complete as per specificatioons.	Sqm	4862.83	Work done upto the Billed Quantity and the Quality is Satisfactory
15	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen (VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface)	Sqm	31051.21	Work done upto the Billed Quantity and the Quality is Satisfactory
16	KSRRB M500-17. Providing and laying Dense Graded Bituminous Macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the	Cum	1306.59	Work done upto the Billed Quantity and the Quality is Satisfactory
17	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth	Cum	1241.56	Work done upto the Billed Quantity and the Quality is Satisfactory
18	KSRRB M800-13. Road Marking with Hot Applied 'Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of	Sqm	1200.36	Work done upto the Billed Quantity and the Quality is Satisfactory
19	KSRRB M800-35.Supply and installtion of mould shank raised pavement marker made of polycarbonate ans ABS(Acerylonitrile Butadiene sytrene) moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of thr light entering the lens face and shall	nos	1022.00	Work done upto the Billed Quantity and the Quality is Satisfactory
20	supply and fixing of Reteo Reflective Single Arrow Road Name Signboard of size 1600mm*900mm made out of retro reflective sheetting conforming to type XI standards of ASTM D 4956-09 & as per IRC 67-2012 for full back ground of bule colour and white letters and fixed over thick Aluminium	Sqm	24.48	Work done upto the Billed Quantity and the Quality is Satisfactory
E1	Providing and laying reinforced cement concrete pipe NP3 for culverts including pointing ends, and fixing collars with cement mortar 1:2 including cost of all materials, labour, curing, including cost of materials,	Mts	31.50	Work done upto the Billed Quantity and the Quality is Satisfactory

With respect to the above subject & name of the work, we have inspected the work and the Quantity and Quality of above mentioned items of the work was found to be completed satisfactorily for the 2nd and Final bill

Thanking you,

With Regards,

For Newzen Consultants Bangalore

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